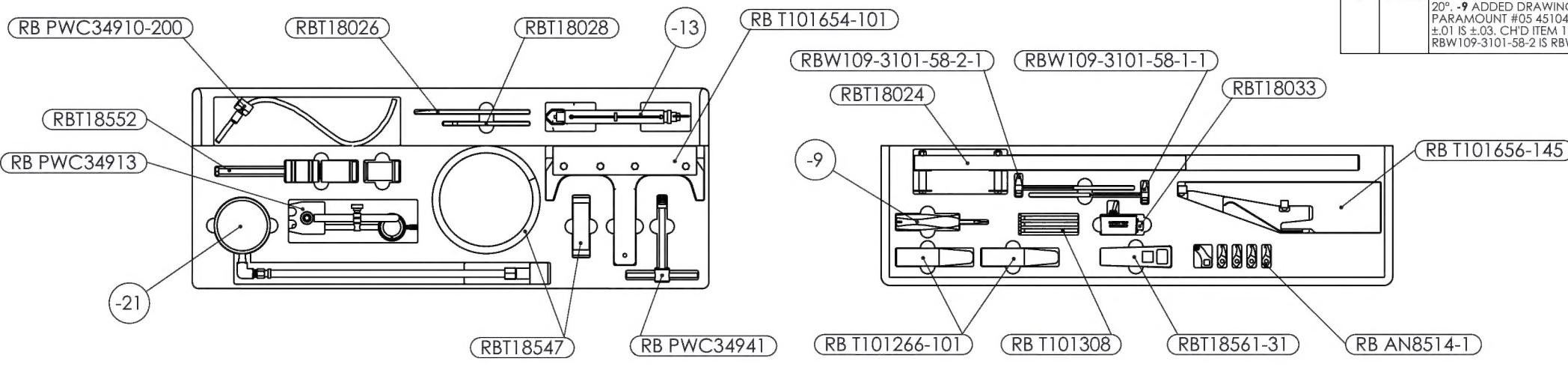


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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	4/19/2016	RJC	JAG
2	16-0051	-1 CH'D QTY WAS 2 IS 1, -3 CH'D TOOL CUTOUTS FOR -21, RBT18547, RBT18552, RB PWC70403, RB PWC34941 FOR BETTER FIT. CH'D B/O INFO WAS RB PWC70403 IS RB PWC34910-200.	5/16/2016	RJC	JAG
3	16-0059	-3 CH'D CUTOUT FOR RB PWC34941 TO ALLOW PROPER FIT FOR TWO DIFFERENT VERSIONS OF TOOL, CH'D CUTOUT FOR RBT18552, CH'D DEPTH FOR RBT18547 WAS $\frac{1}{2}$.23 IS $\frac{1}{2}$.38. -5 CH'D CUTOUT FOR RBT18024 FOR LONGER BOLTS, DELETED CUT OUT FOR CONNECTOR ASSY., ADDED CUTOUT FOR RBT18033. -15, -17, -19, AND -27 DELETED, ADDED RBT18033. -29 CH'D SUPPLIER P/N WAS #BQ-BQ101 IS BQ101-HFIM19-HFIF03+5406-4-2@18" OAL. -35 CH'D DIM WAS 10.63 IS 9.17.	6/24/2016	RJC	JAG
4	16-0143	-3 DELETED DIM 4X R.64, ADDED 3X .65 X 45°. CH'D DIM WA 2X 2.00 IS 1.95, WAS 2X 1.43 IS 1.20. -5 ADDED CUTOUT FOR RBW109-3101-58-2. -11 REPLACED W/ RBT18561-31. -35 ADDED RBW109-3101-58-2.	9/6/2016	RJC	JAG
5	17-0127	RBW109-3101-58-1 REPLACED W/ RBW109-3101-58-1-1, RBW109-3101-58-2 REPLACED W/ RBW109-3101-58-2-1. -3 CH'D MAT'L WAS Y-20 BLACK IS ETHAFOAM 220, BLACK. CH'D DIMS WAS 3.29 IS 6.41, WAS 2X 7.42 IX 8.98. CORRECTED CUTOUT FOR RBT18522. ADDED DETAIL VIEWS B, C, D, E ON SHEET 3. -3, -5 CH'D B/O REF WAS (I.R. SPECIALTY) IS (CASE SOLUTIONS). -5 CH'D MAT'L WAS Y-20, BLACK IS ETHAFOAM 220, BLACK. CH'D RIBBON HANDLE NOTE, ADDED DIMS $\frac{1}{2}$.86,27.81, 6.23, DELETED DIM 20°. -9 ADDED DRAWING TO MODIFY B/O ADDING SLOT TO END OF HANDLE. -23 CH'D B/O REF WAS PARAMOUNT #05 45104 IS (PARAMOUNT #0545091). -35 CH'D TOLERANCES WAS $\pm .005$ IS $\pm .010$, WAS $\pm .01$ IS $\pm .03$, CH'D ITEM 12 WAS RBW109-3101-58-1 IS RBW109-3101-58-1-1, CH'D ITEM 13 WAS RBW109-3101-58-2 IS RBW109-3101-58-2-1. CH'D GRAPHICS TO REFLECT NEW CUTOUT FOR ITEM 5.	5/31/2017	DPD	JAG

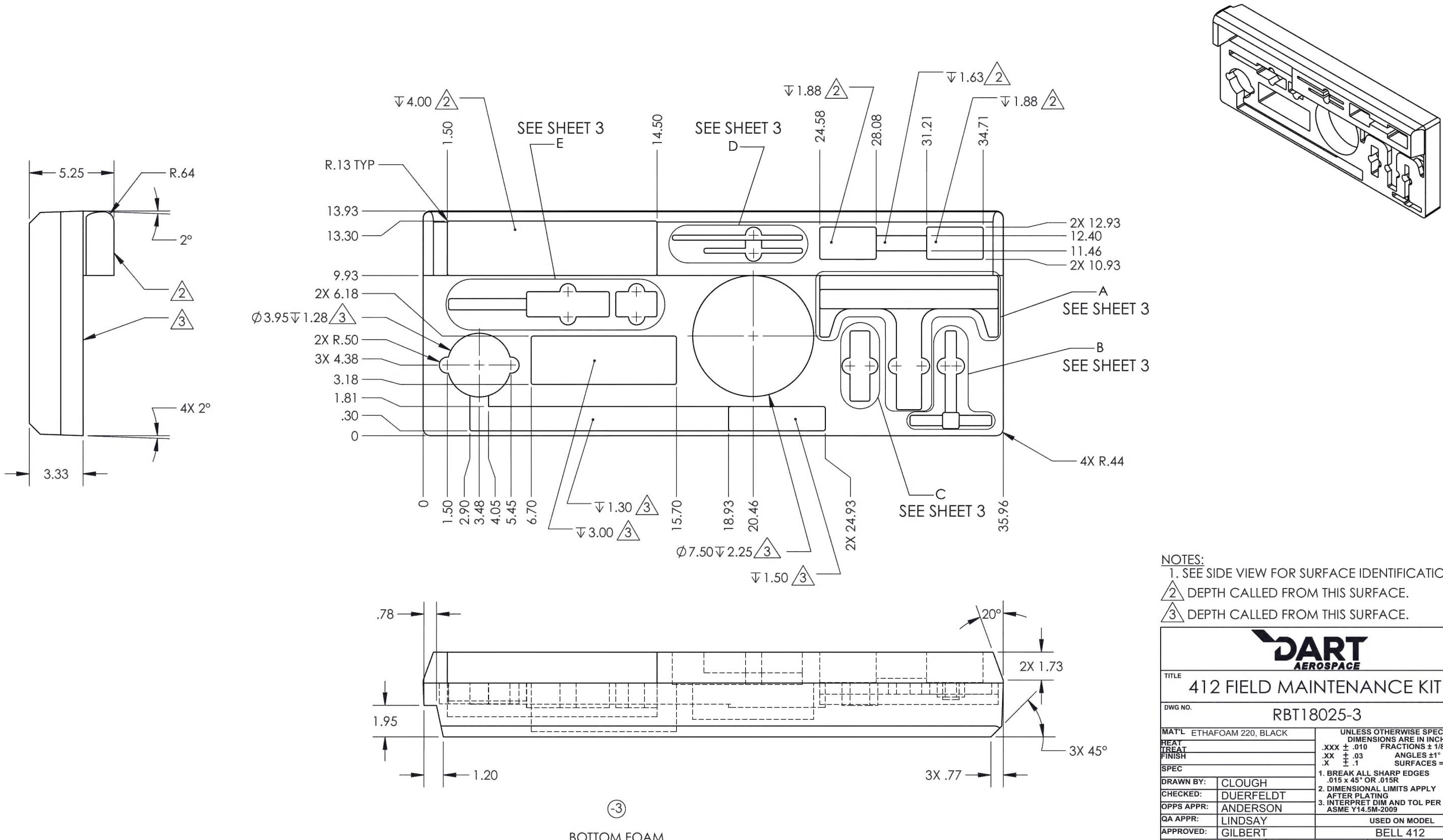


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
				1	BORESCOPE GUIDE TUBE		RB PWC34910-200	1
				1	SEAL INSTALLATION WORKAID		RBT18026	1
				1	LUBRICATION WORKAID		RBT18028	1
				1	SIGHT GLASS PULLER		RBT18552	1
				1	FIXTURE HOLDING		RB PWC34913	1
				1	T/R GEAR BOX DRAIN TOOL		RBT18547	1
				1	M/R TAB BENDER		RB T101654-101	1
				1	PULLER, WRENCH		RB PWC34941	1
				1	SWASHPLATE LINK AND DRIVE LINK BEARINGS WORK AID		RBT18024	1
				1	HAMMER, STEEL, BLADE CORROSION AND VOIDS DETECTION		RBW109-3101-58-1-1	1
				1	HAMMER, ALUMINUM, BLADE CORROSION AND VOIDS DETECTION		RBW109-3101-58-2-1	1
				1	BEND ANGLE GAGE, TRIM TAB		RB T101656-145	1
				2	BLADE BOLT BULLET		RB T101266-101	1
				1	JACK SCREW SET		RB T101308	1
				1	ADJUSTABLE SPANNER WRENCH		RB AN8514-1	1
				1	BATTERY TEMP CAUTION LIGHT TESTER		RBT18033	5
				1	10X MAGNA-LITE		RBT18561-31	1
B/O	-1	1	CASE		PLASTIC	PELICAN #APP-1700-E		N/S
B/O	-3	1	BOTTOM FOAM		ETHAFOAM 220, BLACK	3.00 X 13.63 X 35.63 (CASE SOLUTIONS)		2 & 3
B/O	-5	1	TOP FOAM		ETHAFOAM 220, BLACK	2.06 X 13.62 X 35.62 (CASE SOLUTIONS)		4
B/O	-7	1	STIFFENER		COROPLAST	.24 X 9.72 X 35.62 BLACK (I.R. SPECIALTY)		5
B/O	-9	1	LG. DZUS SCREWDRIVER			(SNAP-ON #S6180)		6
B/O	-13	1	LINEAR SCALE		BRASS	50 LB X 8oz AMERICAN SCALE #IN-050M		1
X	-21	1	ROTOR BRAKE MASTER CYLINDER TESTER					7
1	B/O	-23	GAUGE		S.S	3-1/2in. 1/4L 600 psi (ASHCROFT #1009SW, PARAMOUNT #0545091)		7
1	B/O	-25	ELBOW		BRASS	1/4 NPT 90° (MCMASTER-CARR #50785K36)		7
1	B/O	-29	BRAKE HOSE			PACIFIC RUBBER #BQ101-HFIM19-HFIF03+5406-4-2@18" OAL		7
1	B/O	-31	BOND SEAL WASHER			(PACIFIC RUBBER #BRE9900-4)		7
1	B/O	-33	COUPLING HALF, HOSE ATTACHING		ALUMINUM	(EATON #375508-5)		7
		-35	1	RED LOCATION CARD	LAMINATED CARD			8
B/O	-37	1	LANYARD		COATED STEEL	$\varnothing 1/16$ X 14 (CARR LANE #CL-2-C)		N/S
B/O	-39	2	FERRULE		ALUMINUM	$\varnothing 1/16$ X 3/8 (MCMASTER-CARR #3896T31)		N/S
B/O	-41	1	GROMMET		NICKEL-PLATED BRASS	SIZE 00, $\varnothing .42$ OD (MCMASTER-CARR #86625K31)		N/S
B/O		1	DART PLACARD		ALUMINUM	RB41011		N/S
ASSY	-21							

TITLE		412 FIELD MAINTENANCE KIT
DWG NO.		RBT18025
REV		5
MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT		.XXX $\pm .005$ FRACTIONS $\pm 1/8$
FINISH		.XX $\pm .01$ ANGLES $\pm 5°$
SPEC		X $\pm .1$ SURFACES = 125
1. BREAK ALL SHARP EDGES		
.015 x 45° OR .015R		
2. DIMENSIONAL LIMITS APPLY		
AFTER PLATING		
3. INTERPRET DIM AND TOL PER		
ASME Y14.5M-2009		
DRAWN BY:	CLOUGH	
CHECKED:	DUERFELDT	
OPPS APPR:	ANDERSON	
QA APPR:	LINDSAY	
APPROVED:	GILBERT	
USED ON MODEL	BELL 412	
SCALE	1:10	DATE 4/15/2016
SHEET 1 OF 8		

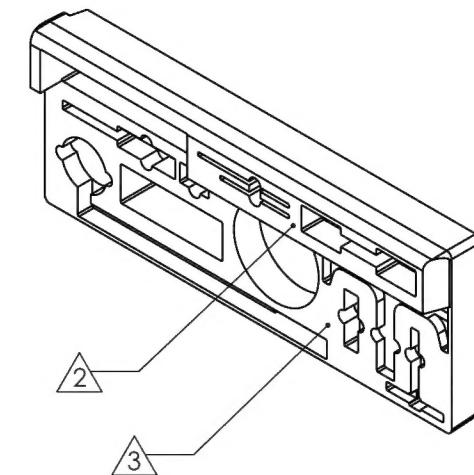
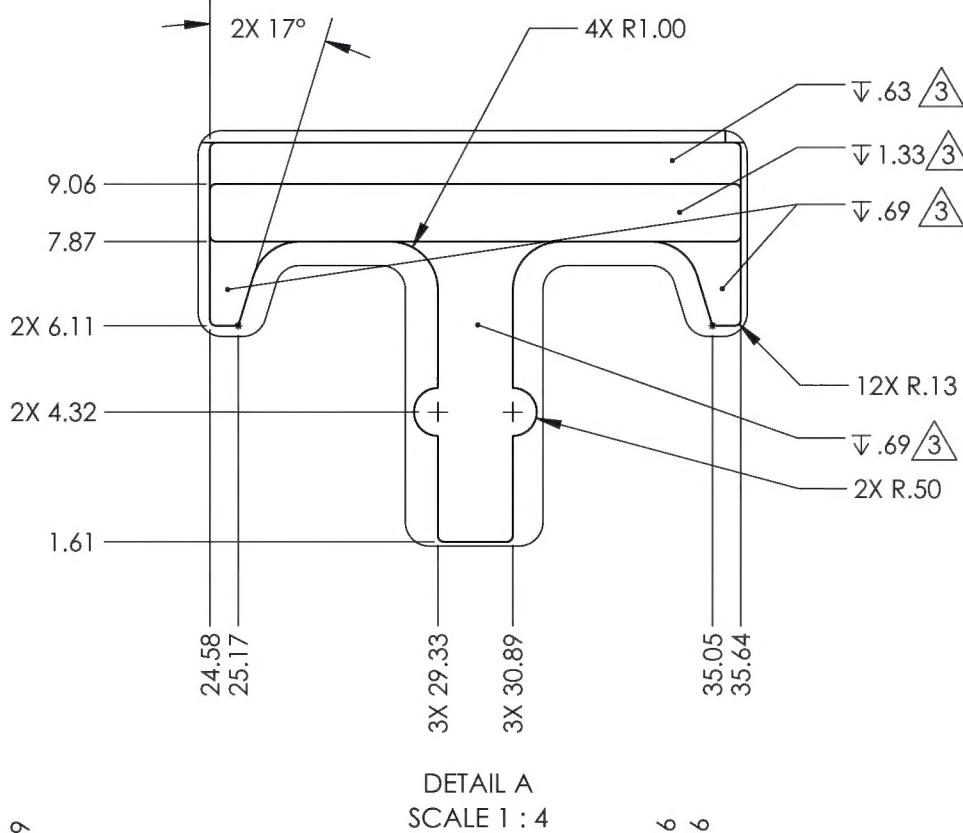
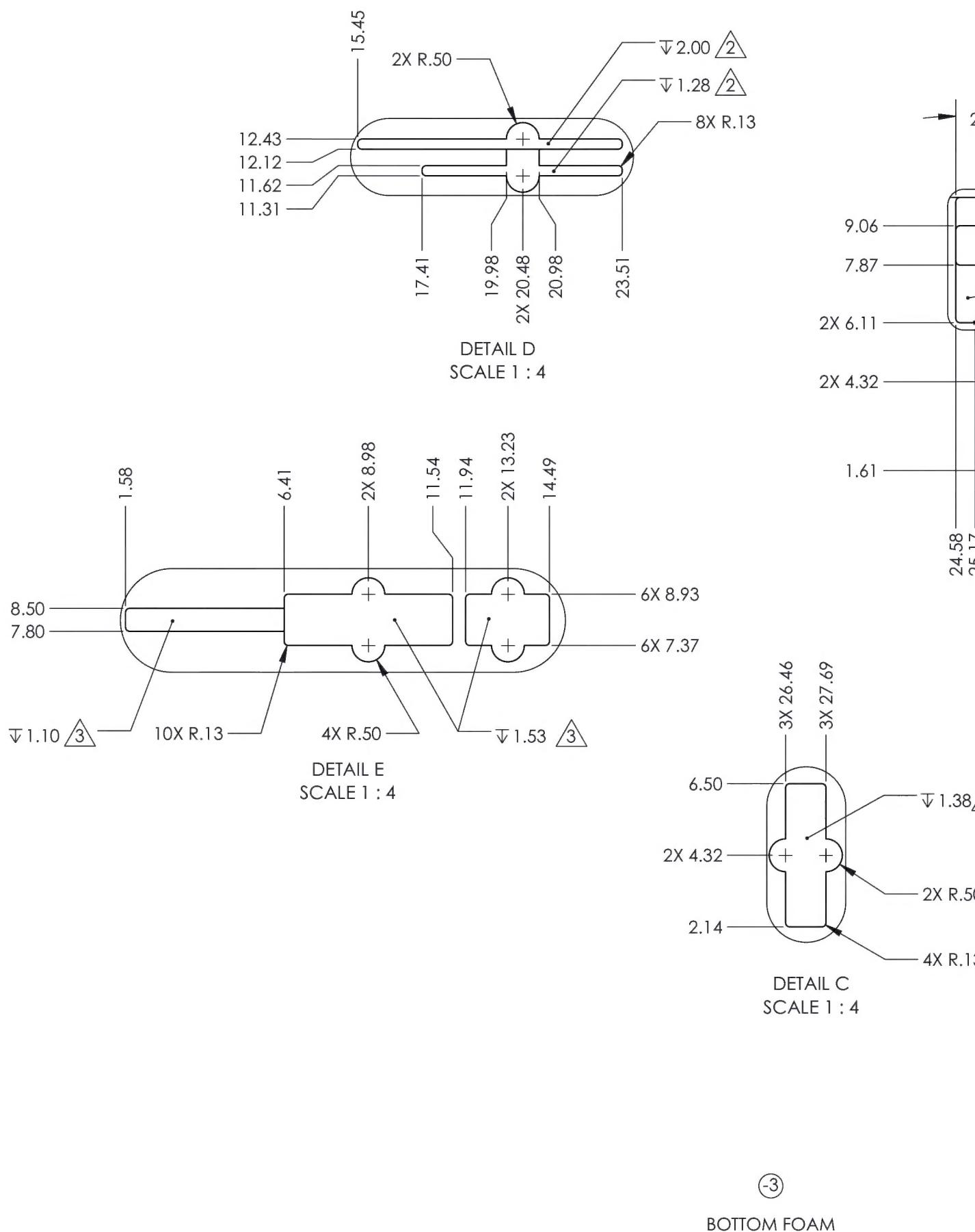
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REVISIONS			
REV	ECR	DESCRIPTION	DATE
			INITIAL APPROVED
2	16-0051	-3 CH'D TOOL CUTOUTS FOR -21, RBT18547, RBT18552, RB PWC70403, RB PWC34941 FOR BETTER FIT.	5/16/2016 RJC JAG
3	16-0059	-3 CH'D CUTOUT FOR RB PWC34941 TO ALLOW PROPER FIT FOR TWO DIFFERENT VERSIONS OF TOOL, CH'D CUTOUT FOR RBT18552, CH'D DEPTH FOR RBT18547 WAS ∇ 1.23 IS ∇ 1.38.	6/24/2016 RJC JAG
4	16-0143	-3 DELETED DIM 4X R.64, ADDED 3X .65 X 45°, CH'D DIM WA 2X 2.00 IS 1.95, WAS 2X 1.43 IS 1.20.	9/6/2016 RJC JAG
5	17-0127	-3 CH'D MATL WAS Y-20 BLACK IS ETHAFOAM 220, BLACK, CH'D DIMS WAS 3.29 IS 6.41, WAS 2X 7.42 IX 8.98. CORRECTED CUTOUT FOR RBT18522. ADDED DETAIL VIEWS B, C, D, E ON SHEET 3.	5/31/2017 DPD HAG



DART AEROSPACE	
TITLE 412 FIELD MAINTENANCE KIT	
DWG NO. RBT18025-3 REV 5	
MATERIAL ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.000 \pm .010 FRACTIONS \pm 1/8	
.000 \pm .03 ANGLES \pm 1°	
.000 \pm .1 SURFACES = 125	
SPEC	
1. BREAK ALL SHARP EDGES	
2. DIMENSIONAL LIMITS APPLY	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	.015 x 45° OR .015R
CHECKED: DUERFELDT	AFTER PLATING
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	BELL 412
APPROVED: GILBERT	
SCALE 1:6	DATE 4/15/2016
SHEET 2 OF 8	

REVISIONS		DESCRIPTION		DATE	INITIAL	APPROVED
5	17-0127	-3	ADDED DETAIL SHEET.	6/1/2017	DPD	JAG

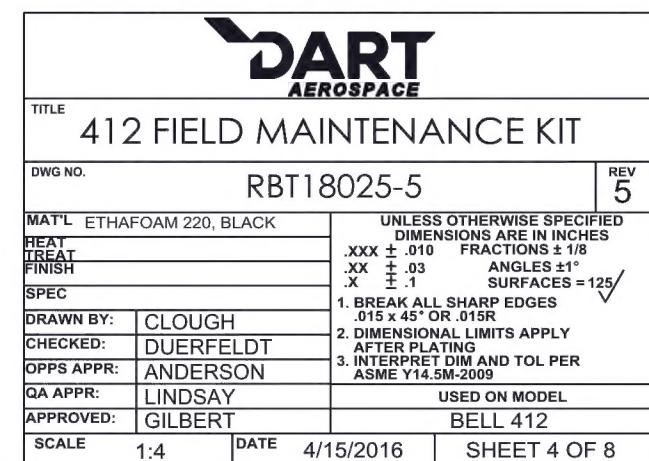
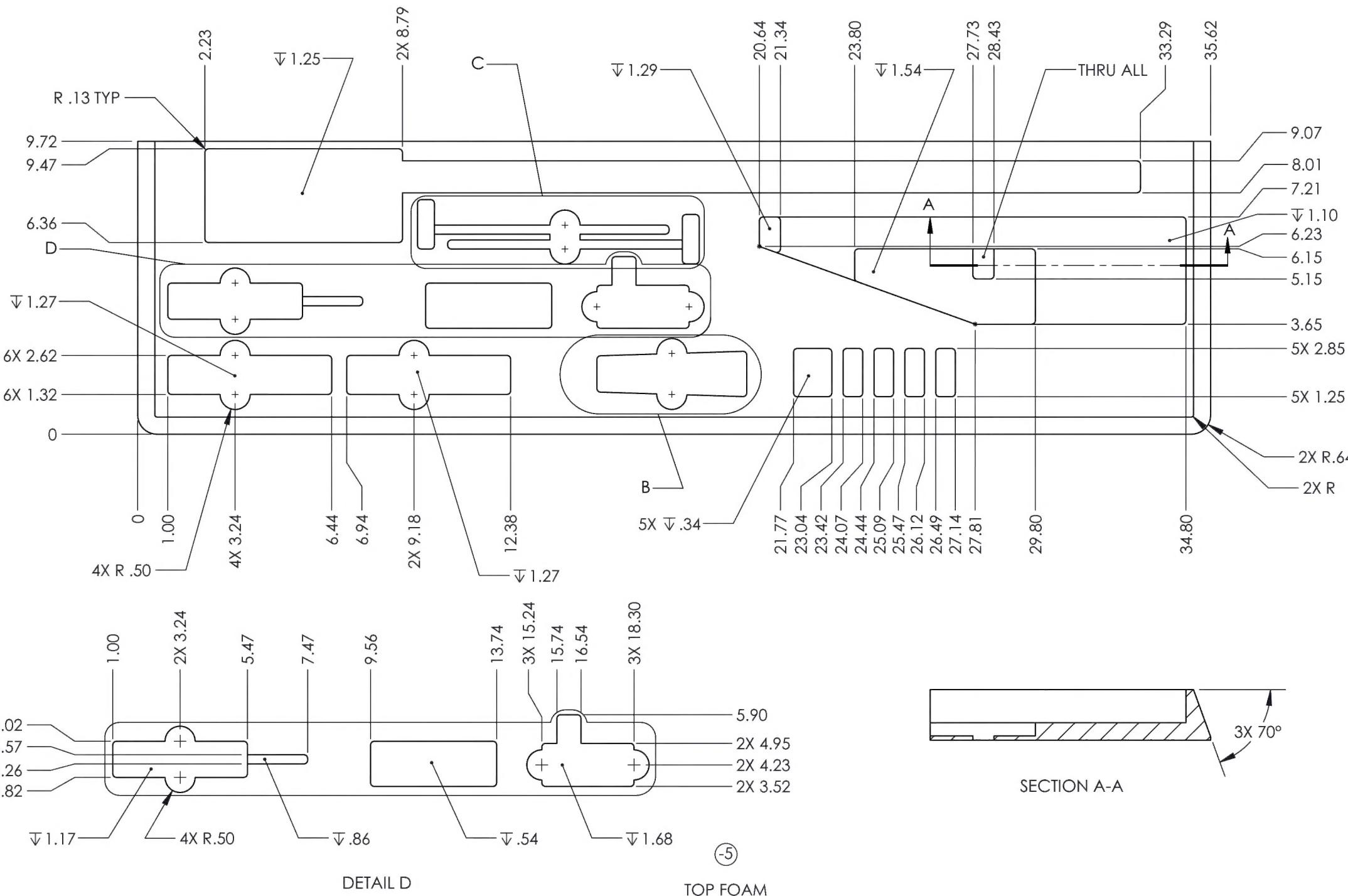
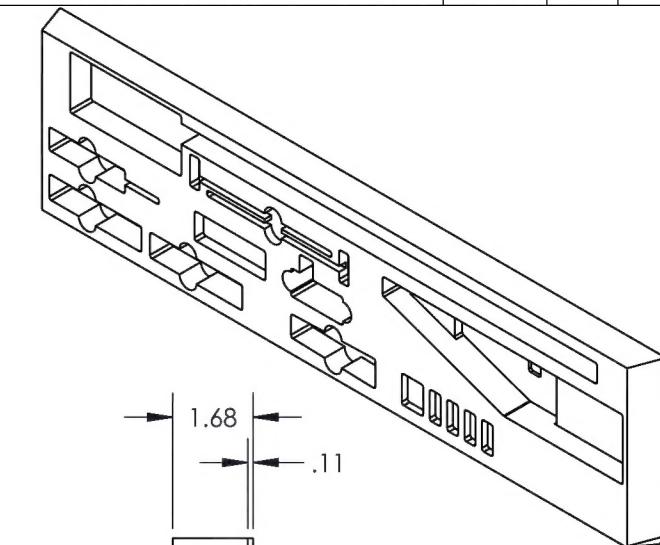
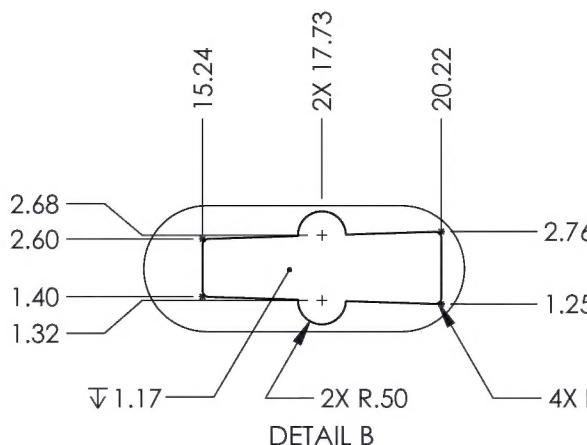
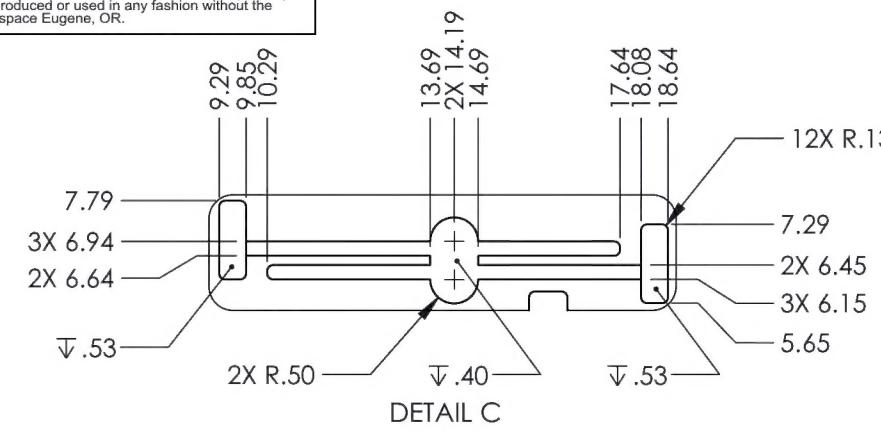


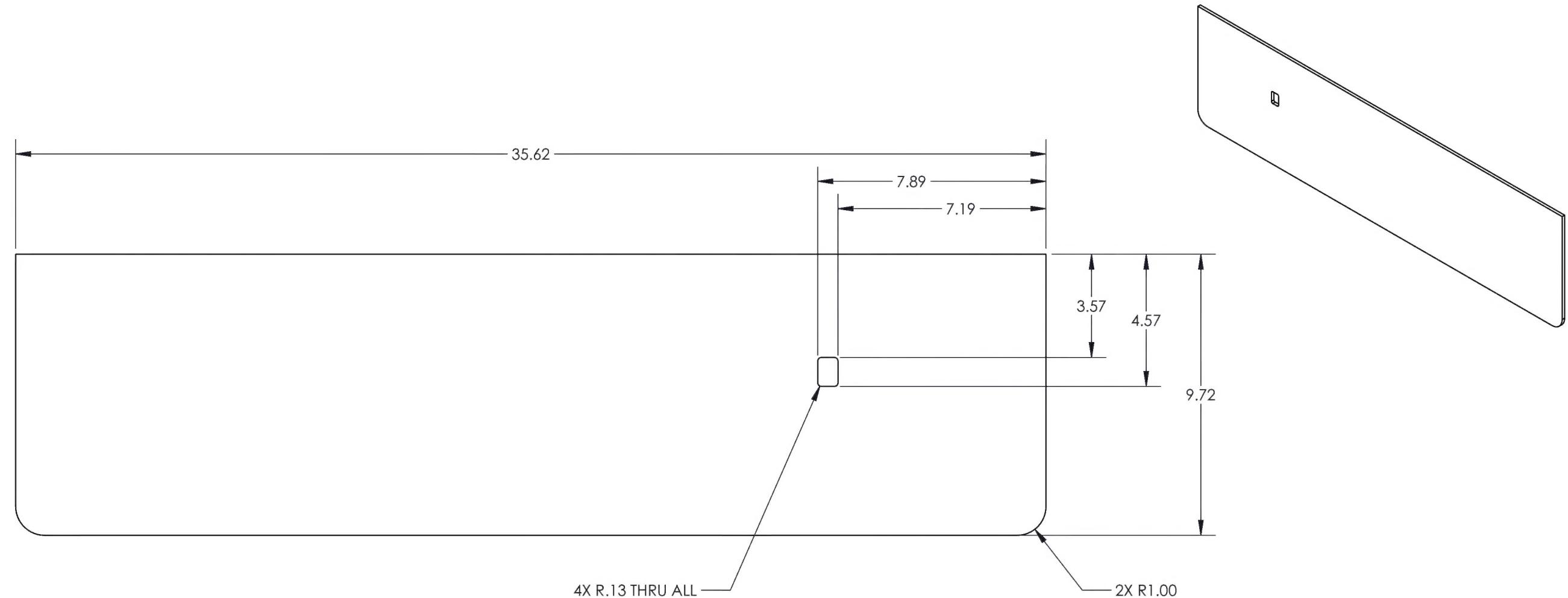
NOTES:
△ 2 DEPTH CALLED FROM THIS SURFACE.
△ 3 DEPTH CALLED FROM THIS SURFACE.

DART AEROSPACE	
TITLE 412 FIELD MAINTENANCE KIT	
DWG NO. RBT18025-3	
REV 5	
MATERIAL ETHAFOAM 220, BLACK	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.000 ± .010 FRACTIONS ± 1/8	
.000 ± .03 ANGLES ± 1°	
.000 ± .1 SURFACES = 125	
SPEC	
1. BREAK ALL SHARP EDGES ✓	
2. DIMENSIONAL LIMITS APPLY	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	.015 x 45° OR .015R
CHECKED: DUERFELDT	AFTER PLATING
OPPS APPR: ANDERSON	INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	BELL 412
SCALE 1:6	DATE 4/15/2016
SHEET 3 OF 8	

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REVISIONS						
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED	
3	16-0059	-5 CH'D CUTOUT FOR RBT18024 FOR LONGER BOLTS. DELETED CUT OUT FOR CONNECTOR ASSY.. ADDED CUTOUT FOR RBT18033.		6/24/2016	RJC	JAG
4	16-0143	-5 ADDED CUTOUT FOR RBW109-3101-58-2.		9/6/2016	RJC	JAG
5	17-0127	-5 CH'D MATL WAS Y-20, BLACK IS ETHAFOAM 220, BLACK.CH'D RIBBON HANDLE NOTE. ADDED DIMS $\downarrow .86, 27.81, 6.23$. DELETED DIM 20° .		6/1/2017	DPD	





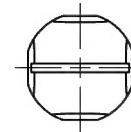
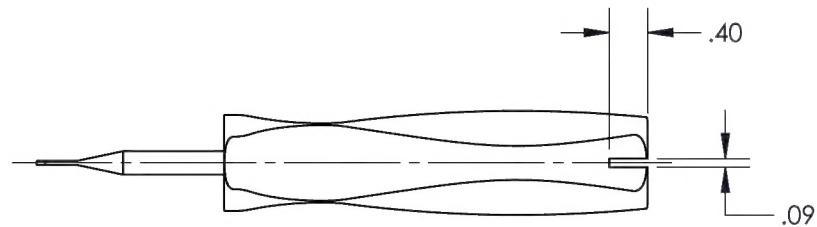
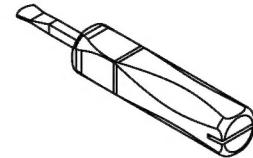
(7)
STIFFENER

NOTE:
VENDOR TO ATTACH A 1in. WIDE BLACK RIBBON
LIFTING HANDLE TO EACH END OF COROPLAST.
LOOP TO BE LARGE ENOUGH TO ACCOMODATE
LARGE HANDS AND FOLD OVER ON TOP OF
FOAM FOR STORAGE. -5 TOP FOAM TO BE
ATTACHED TO -7 STIFFENER.

DART AEROSPACE	
TITLE	
412 FIELD MAINTENANCE KIT	
DWG NO.	
RBT18025-7	
REV	
5	
MATERIAL COROPLAST	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .010 FRACTIONS ± 1/8	
HEAT TREAT	
FINISH	
X ± .03 ANGLES ± 1°	
X ± .1 SURFACES = 125	
SPEC	
DRAWN BY: CLOUGH	
.015 x 45° OR. 015R	
CHECKED: DUERFELDT	
2. DIMENSIONAL LIMITS APPLY	
OPPS APPR: ANDERSON	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
QA APPR: LINDSAY	
USED ON MODEL	
APPROVED: GILBERT	
SCALE	1:4
DATE	4/15/2016
SHEET 5 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
5	17-0127	-9 ADDED DRAWING TO MODIFY B/O ADDING SLOT TO END OF HANDLE.	5/31/2017	DPD	JAG



(-9)

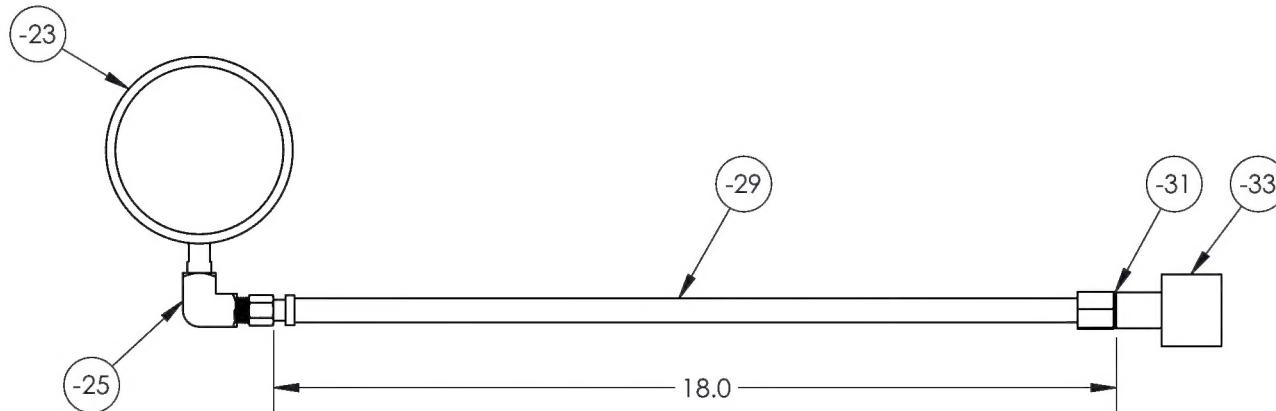
LG. DZUS SCREWDRIVER

DART AEROSPACE	
TITLE	
412 FIELD MAINTENANCE KIT	
DWG NO.	
RBT18025-9	
REV	5
MAT'L	
HEAT	
TREAT	
FINISH	
SPEC	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
SCALE	1:2
DATE	3/6/2017
SHEET 6 OF 8	

UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE IN INCHES
.XXX ± .005 FRACTIONS ± 1/8
.XX ± .01 ANGLES ± 5°
X ± .1 SURFACES = 125 ✓
1. BREAK ALL SHARP EDGES
.015 x 45° OR .015R
2. DIMENSIONAL LIMITS APPLY
AFTER PLATING
3. INTERPRET DIM AND TOL PER
ASME Y14.5M-2009
USED ON MODEL

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	16-0059	-21 DELETED -27 FROM ASSY, CH'D SUPPLIER P/N WAS #BQ-BQ101 IS BQ101-HF103+5406-4-2@18" OAL.	6/24/2016	RJC	JAG



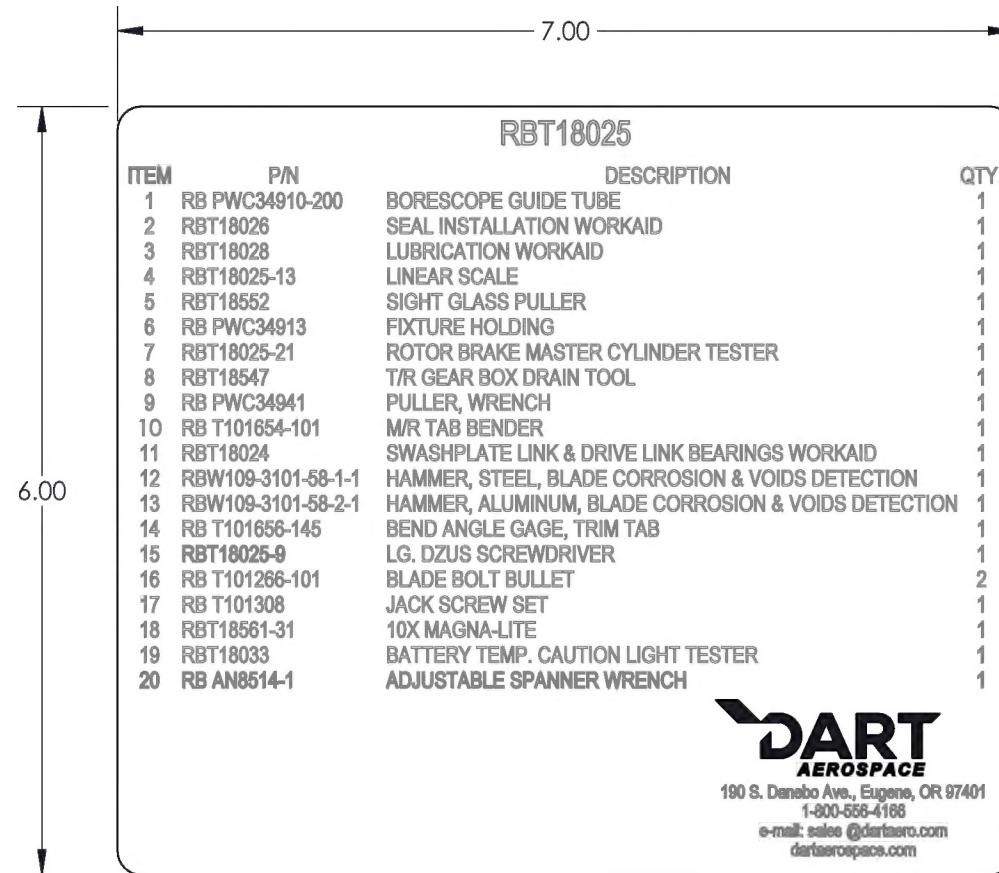
(-21)

ROTOR BRAKE MASTER CYLINDER TESTER

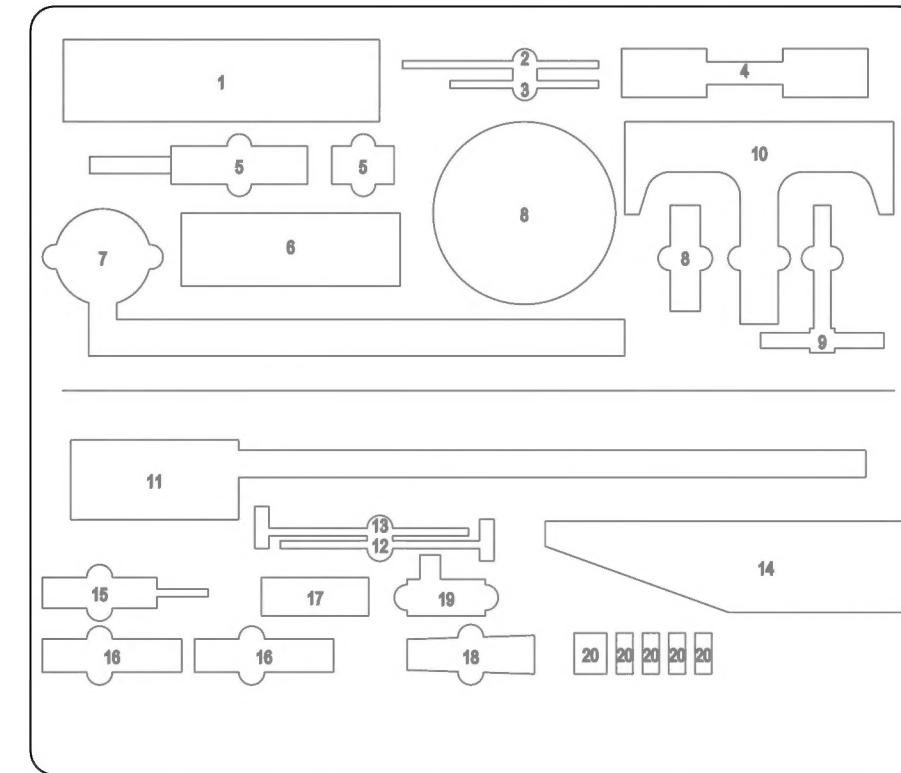
DART AEROSPACE	
TITLE	
412 FIELD MAINTENANCE KIT	
DWG NO.	
RBT18025-21	
REV	5
MAT'L	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
HEAT .XXX ± .005 FRACTIONS ± 1/8	
TREAT .XX ± .01 ANGLES ± 5°	
FINISH X ± .1 SURFACES = 125 ✓	
SPEC	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	
APPROVED: GILBERT	
USED ON MODEL	
H175	
SCALE	1:4
DATE	4/18/2016
SHEET 7 OF 8	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
3	16-0059	-35 CH'D DIM WAS 10.63 IS 9.17.	6/24/2016	RJC	JAG
4	16-0143	-35 ADDED RBW109-3101-58-2.	9/6/2016	RJC	JAG
5	17-0127	-35 CH'D TOLERANCES WAS $\pm .005$ IS $\pm .010$, WAS $\pm .01$ IS $\pm .03$, CH'D ITEM 12 WAS RBW109-3101-58-1 IS RBW109-3101-58-1-1. CH'D ITEM 13 WAS RBW109-3101-58-2 IS RBW109-3101-58-2-1. CH'D GRAPHICS TO REFLECT NEW CUTOUT FOR ITEM 5.	6/1/2017	DPD	JAG



FRONT SIDE OF CARD



BACK SIDE OF CARD

NOTE:
THE CARD PAPER IS TO BE RED AND LAMINATED.
THE CARD WILL BE ATTACHED TO A LANYARD WITH
A GROMMET. THE OTHER END OF THE LANYARD
CABLE WILL BE ATTACHED TO THE LEFT REAR
(HEEL END) OF THE PELICAN CASE.

TITLE	
DWG NO.	
RBT18025-35	REV 5
MATL LAMINATED CARD	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT XXX $\pm .010$	FRACTIONS $\pm 1/8$
TREAT XX $\pm .03$	ANGLES $\pm 1^\circ$
FINISH X $\pm .1$	SURFACES = 125
SPEC	1. BREAK ALL SHARP EDGES 2. DIMENSIONAL LIMITS APPLY 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DRAWN BY: CLOUGH	
CHECKED: DUERFELDT	
OPPS APPR: ANDERSON	
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	
SCALE 2:3	DATE 4/18/2016
	SHEET 8 OF 8